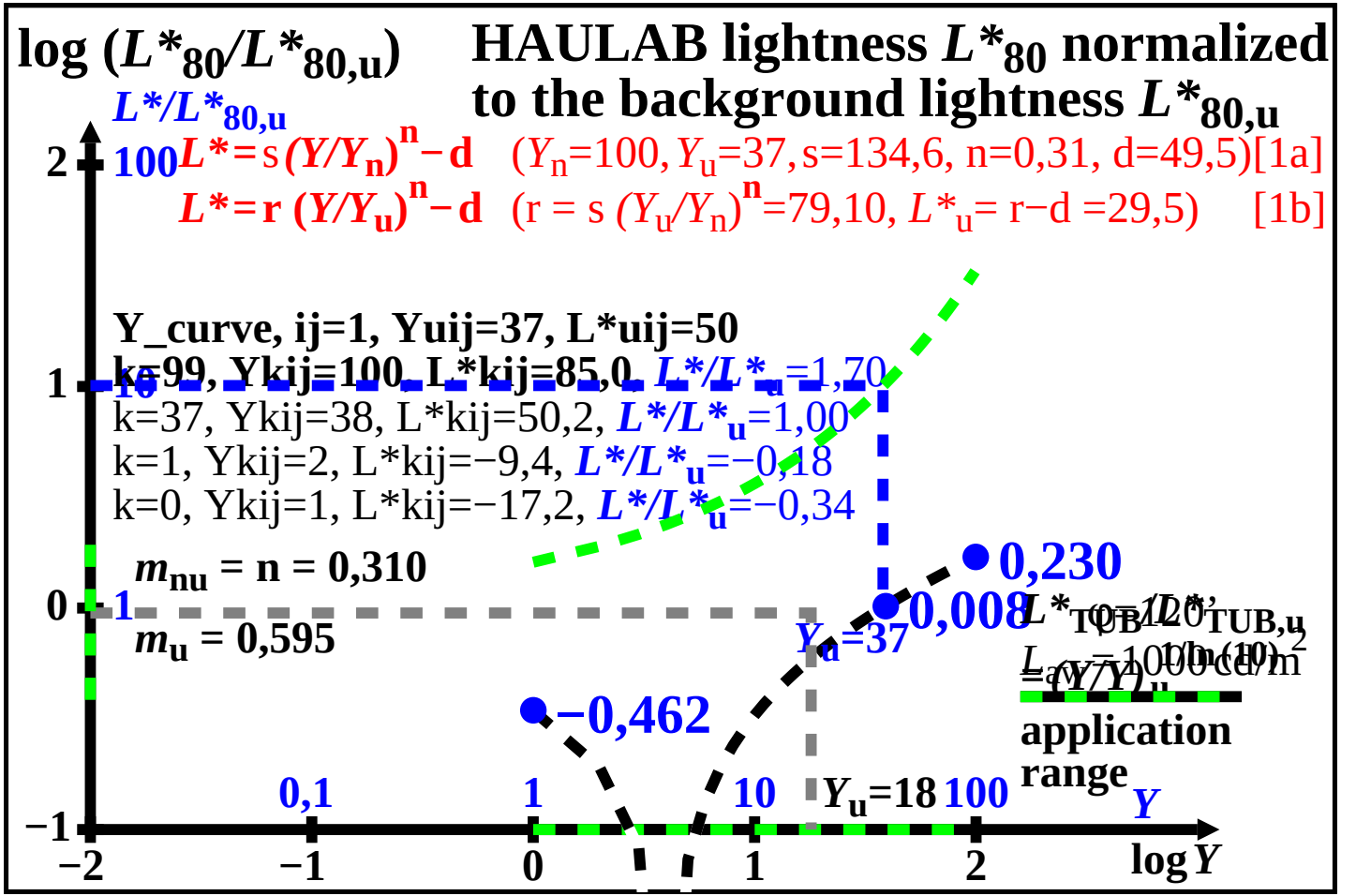
log (L*80/L*80,u)
HAULAB lightness L*80 normalized to the background lightness L*80,u
L*/L*80,u
L*=s (Y/Yn)n−d (Yn=100, Yu=37, s=134,6, n=0,31, d=49,5)[1a]
L*=r (Y/Yu)n−d (r = s (Yu/Yn)n=79,10, L*u= r−d =29,5) [1b]
Y_curve, ij=1, Yuij=37, L*uij=50
k=99, Ykij=100, L*kij=85,0, L*/L*u=1,70
k=37, Ykij=38, L*kij=50,2, L*/L*u=1,00
k=1, Ykij=2, L*kij=−9,4, L*/L*u=−0,18
k=0, Ykij=1, L*kij=−17,2, L*/L*u=−0,34
mnu = n = 0,310
mu = 0,595
0,230
0,008
−0,462
Yu=37
Yu=18
L*TUB=L*TUB,u
Lav=1000 cd/m2
(Y/Yu)n
application range
Y
log Y
100
10
1
0,1
2
1
0
−1
−2
−1
0
1
2
heo70−2a